PCT

English

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 1 September 2005 (01.09.2005)

(10) International Publication Number WO 2005/080768 A 1

(51) International Patent Classification7: F02B 57/02

(21) International Application Number:

PCT/IB2005/001018

(22) International Filing Date: 10 February 2005 (10.02.2005)

(26) Publication Language: English

(30) Priority Data:

P-143/04 18 February 2004 (18.02.2004) YU

(71) Applicant and

(25) Filing Language:

(72) Inventor: JURISIC, Vojislav [YU/YU]; Brace Savic 3, 11273 Batajnica (YU).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA. NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States unless otherwise indicated for every kind of regional protection available?: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurusian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (TJ, BE, BG, CH, CY, CZ, DE, DK, KE, ES, TF, FR, GB, GR, HU, HE, S, TF, LT, LU, MC, NI, PL, PT, RO, SE, SI, SK, TR), OAPI(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

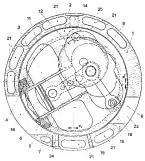
Published:

with international search report

 before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ELLIPTICAL ROTARY MOTOR WITH INTERNAL COMBUSTION



(67) Abstruct: A method and apparatus consisting of a stator (1) within which totates roor (2) together with work cylinder (3) and piston (6) which is via road (7) and larger pin (9) connected with rocker (8) which via smaller pin (10) transfers rotary moment to protor (2), i.e. to output shafts (17) and (20). At the same time rod (7), via larger pin (9) by its own motion moves satellite gears (12), which, off-center mounted thearings (13) and symmetrically geared to off-center mounted inner-tooth gears (11), define position of working cylinder (37) relative to two ODCs and two ODCs.